

SECRETTID/TAB - 34/63
5 March 1963

MEMORANDUM FOR: Assistant for Plans & Development *for*
 THROUGH: Chief, Technical Intelligence Division *S.J.*
 SUBJECT: Bidding for the Construction of Stellar Comparator

25X1A

1. When [redacted] completes the specifications for the star comparator that they are considering for NPIC it is suggested that [redacted] be permitted to submit a bid along with others.

2. [redacted] seems to have the know-how for many of the problems that need to be solved to realize full function of the instrument e.g. they have a 5 to 125 power zoom capability, are knowledgeable of density gradients and image enhancement etc., plus the flexibility that may be gained by the use of fiber optics.

[redacted]
 Chief, Technical Analysis Branch
 Technical Intelligence Division

Distribution:

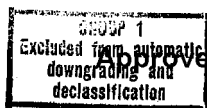
Orig & 1 - Addressee
 1 - C/TID
 1 - C/TAB

NPIC/TID/TAB/[redacted]/met

25X1A

Told [redacted] 6 Mar that if [redacted] is preparing specs we can't rightfully give them to [redacted] to bid on.

Declass Review by NIMA /
 DoD

**SECRET**

SECRETTID/TAB - 17/63
22 January 1963

MEMORANDUM FOR: Chief, Technical Intelligence Division

SUBJECT: Problems with the Stellar-Index Camera System

1. On 11 January 1963, [REDACTED] was at NPIC discuss 25X1A various problems that he is having with the calibration of the S/I system. Enclosed is a production chart received from [REDACTED] explaining 25X1A status of each of the S/I units. To date he has yet to receive any of the goniometer measurements from the contractor, unless the two cancelled were the exception.

2. A phone call by [REDACTED] 25X1A [REDACTED] resulted with this important fact; lens distortion is not required when deriving pitch, roll and yaw from stellar exposures. Therefore, any further discussion with ACIC et al on lens distortion is purely academic and we can proceed with [REDACTED] 25X1A

3. To recapitulate what is required by [REDACTED] to fulfill 25X1A terms of our contract are the following:

- (1) Ephemeris (Best Guess)
- (2) OCT of each stellar exposure.
- (3) Original stellar negative.
- (4) Lock angle between stellar and terrestrial camera.

The above can be made available within one week after receiving the film. Furthermore, as recruitment becomes more successful and when computer programs are available to facilitate the binary corrections it is feasible to shorten the 1 week estimated time.

SIGNED

[REDACTED]
Chief, Technical Analysis Branch

25X1A

Distribution:

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✓ 1 - Asst. P & DS
1 - C/TID/CB
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NPIC/TID/TAB/[REDACTED]/met

SECRET

TRANSMITTAL SLIP		DA	22 January 1963
TO: Assistant for P & DS <i>JWC</i>			
ROOM NO.	BUILDING		
REMARKS:			
FROM: C/TAB			
ROOM NO.	BUILDING	EXTENSION	
FORM NO. 241 1 FEB 55		REPLACES FORM 36-B WHICH MAY BE USED.	
GPO : 1957-O-439445		(47)	